

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 3, lines 1–7, with the following amended paragraph:

However, in the above-mentioned conventional arc welding robot, since the connecting cable and/or gas hose are swung around due to the attitude of the robot main body and the swing motion of the wire feed device, there is a fear that the connecting cable and/or hose can interfere with external equipment and can be thereby damaged. Also, there is found a disadvantage that the robot main body requires an extra installation space for securing a sufficient distance between the external [[equiment] equipment] and itself so as to avoid the interference.

Please replace the paragraph on page 5, lines 22–32 with the following amended paragraph:

In Fig. 1, a robot main body 1 according to the present embodiment includes a base portion 1a to be installed in a production line, a swing portion 1b mounted on the upper portion of the base portion [[10a]] 1a and swingable in the horizontal direction, an upper arm portion 1c mounted on the swing portion 1b and swingable back and forth, a forearm portion 1d mounted on the upper arm portion 1c and swingable in the vertical direction, and a wrist portion 1e mounted on the fore arm portion 1d and having three-degree freedom. The positioning of a welding torch 2 mounted on the wrist portion 1e is executed through the cooperative operations of the base portion 1a, swing portion 1b, upper arm portion 1c and forearm portion 1d, and the direction of the welding torch 2 is decided through the operation of the wrist portion 1e, thereby allowing the arc welding robot to perform an arc welding operation in a free attitude.

Please replace the abstract of the disclosure with the following:

~~The invention comprises a~~ A robot main body is provided with [[and]] a protection cover. The robot main body can be swung by a rotary pipe shaft holding a wire feed device and including a hollow portion and is structured such that a connecting cable and/or a gas hose are guided through the hollow portion of the rotary pipe shaft and are then guided through the forearm portion and base portion thereof. The protection cover covers the portions of the connecting cable and/or gas hose ranging from the connecting portion of the wire feed device and connecting cable and/or gas hose to the rotary pipe shaft.